
 Substitute Form PTO-1449  
 (Modified)

 U.S. Department of Commerce  
 Patent and Trademark Office

 Attorney's Docket No.  
 17601-019001

 Application No.  
 10/003,917

**Information Disclosure Statement  
 by Applicant**

(Use several sheets if necessary)

 Applicant  
 Joseph A. Zupanick et al.

 Filing Date  
 November 1, 2001

 Group Art Unit  
 3673

**U.S. Patent Documents**

Examiner Initial	Desig. ID	Document Number	Publication Date	Patentee	Class	Subclass	Filing Date If Appropriate
JK	A1	3,687,204	08/29/1972	Marshall et al.			
	A2	3,759,328	09/18/1973	Ueber et al.			
	A3	4,296,969	10/27/1981	Willman			
	A4	4,356,866	11/02/1982	Savins			
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	A6	5,207,271	05/04/1993	Sanchez et al.			
	A7	5,520,252	05/28/1996	McNair			
	A8	5,664,911	09/09/1997	Bridges et al.			
	A9	5,733,067	03/31/1998	Hunt et al.			
	A10	RE 38,642 E	11/02/2004	Gondouin			
	A11	2005/0252689 A1	11/17/2005	Gardes			
	A12	2005/0257962 A1	11/24/2005	Zupanick			
JK	A13	2006/0096755 A1	05/11/2006	Zupanick			

**Foreign Patent Documents or Published Foreign Patent Applications**

Examiner Initial	Desig. ID	Document Number	Publication Date	Country or Patent Office	Class	Subclass	Translation	
							Yes	No
JK	B1	UA 37,720 A	05/15/2001	Ukraine			Spec Only	
JK	B2	WO 03/038233	05/08/2003	WIPO			N/A	
JK	B3	WO 2005/012688	02/10/2005	WIPO			N/A	

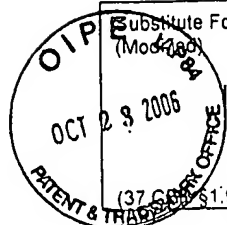
**Other Documents (include Author, Title, Date, and Place of Publication)**

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JK	C1	Notification of Transmittal of the International Preliminary Report on Patentability (1 page) and International Preliminary Report on Patentability (8 pages) for International Application No. PCT/US2005/002162 mailed May 3, 2006
JK	C2	D. Nathan Meehan, "Technology Vital For Horizontal Well Success," OIL & GAS JOURNAL, December 11, 1995, 8 pages
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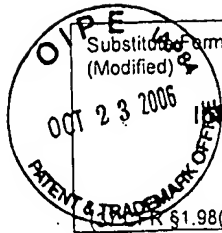
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Patent Form PTO-1449 (Modified) OCT 28 2006 PATENT & TRADEMARK OFFICE (37 CFR 1.108(b))	U.S. Department of Commerce Patent and Trademark Office	Attorney's Docket No. 17601-019001	Application No. 10/003,917
Information Disclosure Statement by Applicant (Use several sheets if necessary)		Applicant Joseph A. Zupanick et al.	
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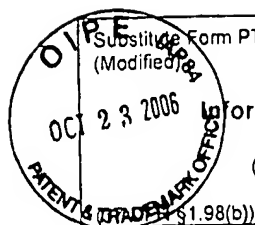
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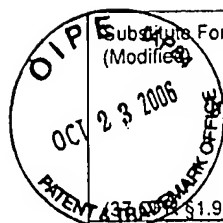
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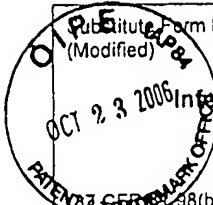
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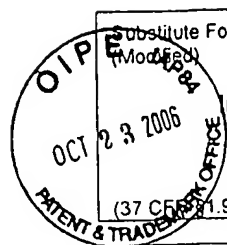
	Substitute Form PTO-1449 (Modified)	U.S. Department of Commerce Patent and Trademark Office	Attorney's Docket No. 17601-019001	Application No. 10/003,917
	<b>Information Disclosure Statement by Applicant</b> (Use several sheets if necessary)			Applicant Joseph A. Zupanick et al.
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	38(b)			

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	Applicant Joseph A. Zupanick et al.		
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Examiner Initial	Desig. ID	Document Number	Publication Date	Patentee	Class	Subclass	Filing Date If Appropriate
	A1						
	A2						

Foreign Patent Documents or Published Foreign Patent Applications								
Examiner Initial	Desig. ID	Document Number	Publication Date	Country or Patent Office	Class	Subclass	Translation	
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